



REPLACEMENT ABSTRACT

A refrigerator having a main body, and a compressor and an evaporator in the main body, comprises a heat pipe forming a closed loop so as to allow the refrigerant to be circulated therein; a first heat exchanger provided in the heat pipe, absorbing heat generated from the compressor; a second heat exchanger provided in an upper part between the heat pipe and the first heat exchanger adjacent to the evaporator, discharging heat into the evaporator; and a control valve positioned between the first and second heat exchangers, opening and closing the heat pipe, wherein the refrigerant cooled and liquified in the second heat exchanger forces out the refrigerant heated and gasified in the first heat exchanger by gravity, when the control valve is opened.